

AF/6A 1652

Docket No.: PF-0148-2 DIV  
Response Under 37 C.F.R. 1.116 - Expedited Procedure  
Examining Group 1652

I hereby certify that this correspondence is being deposited with the  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Hawkins et al.

Title: HUMAN PYROPHOSPHATASE

Serial No.: 09/415,540

Filing Date: 8-Oct-99

Examiner: Slobodyansky, E.

Group Art Unit: 1652

Box AF  
Commissioner for Patents  
Washington, D.C. 20231

**AMENDMENT TRANSMITTAL FEE SHEET**

Sir:

Transmitted herewith are the following for the above-identified application:

1. Return Receipt Postcard; and
2. Response to Final Office Action (4 pp., in duplicate).

The fee has been calculated as shown below.

| Claims                                         | Claims<br>After<br>Amendment |   | Claims<br>Previously<br>Paid For | = | Present<br>Extra | Other Than<br>Small Entity<br>Rate Fee | Additional<br>Fee(s) |
|------------------------------------------------|------------------------------|---|----------------------------------|---|------------------|----------------------------------------|----------------------|
| Total<br>Claims                                | 6                            | - | 20                               | = | 0                | \$18                                   | \$0                  |
| Indep.<br>Claims                               | 2                            | - | 3                                | = | 0                | \$78                                   | \$0                  |
| First Presentation of Multiple Dependent Claim |                              |   |                                  |   |                  | +\$260                                 | \$0                  |

TOTAL \$ 0

☒ No additional fee is required.☐ Please charge Deposit Account No. 09-0108 the amount of \$

The Commissioner is hereby authorized to charge any additional fees required under 37 CFR 1.16 and 1.17, or  
credit overpayment to Deposit Account No. 09-0108. A duplicate copy of this sheet is enclosed.

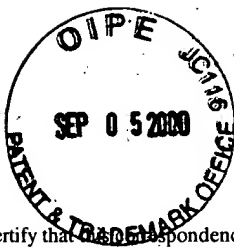
Respectfully submitted,

INCYTE GENOMICS, INC.

Date: 8/31/00

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*Nancy L. Glynn*  
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**RESPONSE TO OFFICE ACTION**

Sir:

In response to the Office Action dated May 31, 2000 (Final Office Action, Paper Number 12), Applicants request reconsideration of the above-referenced patent application in view of the following amendments and remarks.

**IN THE CLAIMS**

Please amend claim 19 as indicated below. For the Examiner's convenience, the non-amended pending claims are also listed below.

18. (Reiterated) The method of claim 20, wherein before hybridization, the target polynucleotide is amplified by the polymerase chain reaction.

19. (Twice amended) An isolated polynucleotide selected from the group consisting of:

a) a polynucleotide sequence of SEQ ID NO:2,